

For Research Use Only

CCT3 Recombinant monoclonal antibody

Catalog Number: 87920-1-RR



Basic Information

Catalog Number:

87920-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0843

GenBank Accession Number:

BC006501

GeneID (NCBI):

7203

UNIPROT ID:

P49368

Full Name:

chaperonin containing TCP1, subunit 3 (gamma)

Calculated MW:

60 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

260042D9

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, HEK-293 cells, Jurkat cells, U2OS cells, mouse brain tissue, rat brain tissue, mouse kidney tissue

Background Information

CCT3 protein (full name: chaperonin containing TCP1 subunit 3, also known as the gamma subunit of TCP-1 protein) is an important member of the TCP-1 chaperonin family. As one of the eight essential subunits of the CCT/TRiC complex, its core function is to act as a molecular chaperone that assists in the correct folding of other cellular proteins under ATP hydrolysis. It is particularly involved in the folding process of key cytoskeletal components such as actin and tubulin, while also participating in important biological activities including ciliogenesis and telomere maintenance.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

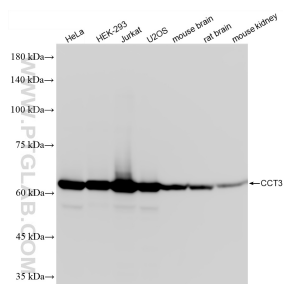
T: 4006900926

E: Proteintech-CN@ptglab.com

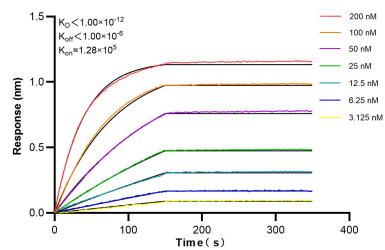
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87920-1-RR (CCT3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87920-1-RR against Human CCT3 were performed. The affinity constant is below 1 pM.